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TITLE : METAL FOIL-CLAD LAMINATE AND ITS PRODUCTION

ABSTRACT : PURPOSE: To prevent a surface coated with a low-elasticity resin composition from keeping its stickness in the production of a metal foil-clad laminate provided with a low-elasticity resin layer under a metal foil and to obtain a metal foil-clad laminate having a resistance to migration and a suitability in the application to a surface-mounting printed wiring board.

CONSTITUTION: A sheet substrate is impregnated with a thermosetting resin and dried to form a prepreg layer. A metal foil is placed on the surface of the prepreg layer and molded under heat and pressure. In this laminate, a low- elasticity resin layer composed of (a) an acrylic rubber, (b) an epoxy resin, (c) a phenol resin, (d) an inorganic filler, and (e) a chelating agent with a thickness of 20 μ m or more and an elasticity modulus of 10Kgf/mm² or less is integrally provided just under the metal foil.

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